

## SEQUENCE LISTING

<110> Johanson, Urban  
West, Joanne  
Dean, Caroline

<120> *Arabidopsis thaliana* derived *Frigida* gene conferring late flowering

<130> Mewburn

<140> US 09/890,475

<141> 2001-08-01

<150> PCT/GB00/00197  
<151> 2000-01-25

<150> GB 9902660.1  
<151> 1999-02-05

<160> 58

<170> PatentIn Ver. 2.1

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<223> Description of Artificial Sequence: FRI amino acid  
sequence predicted from the cDNA sequence

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Pro Lys Ile Val Glu Thr Glu Ser Thr Ser Met Asp Ile Thr Ile Gly  
35 40 45

Gln Ser Lys Gln Pro Gln Phe Leu Lys Ser Ile Asp Glu Leu Ala Ala  
50 55 60

Phe Ser Val Ala Val Glu Thr Phe Lys Arg Gln Phe Asp Asp Leu Gln  
65 70 75 80

Lys His Ile Glu Ser Ile Glu Asn Ala Ile Asp Ser Lys Leu Glu Ser  
85 90 95

Asn Gly Val Val Leu Ala Ala Arg Asn Asn Asn Phe His Gln Pro Met  
100 105 110

Leu Ser Pro Pro Arg Asn Asn Val Ser Val Glu Thr Thr Val Thr Val  
115 120 125

Ser Gln Pro Ser Gln Glu Ile Val Pro Glu Thr Ser Asn Lys Pro Glu  
 130 135 140

Gly Gly Arg Met Cys Glu Leu Met Cys Ser Lys Gly Leu Arg Lys Tyr  
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Ile Tyr Ala Asn Ile Ser Asp Gln Ala Lys Leu Met Glu Glu Ile Pro  
 165 170 175

Ser Ala Leu Lys Leu Ala Lys Glu Pro Ala Lys Phe Val Leu Asp Cys  
 180 185 190

Ile Gly Lys Phe Tyr Leu Gln Gly Arg Arg Ala Phe Thr Lys Glu Ser  
 195 200 205

Pro Met Ser Ser Ala Arg Gln Val Ser Leu Leu Ile Leu Glu Ser Phe  
 210 215 220

Leu Leu Met Pro Asp Arg Gly Lys Gly Lys Val Lys Ile Glu Ser Trp  
 225 230 235 240

Ile Lys Asp Glu Ala Glu Thr Ala Ala Val Ala Trp Arg Lys Arg Leu  
 245 250 255

Met Thr Glu Gly Leu Ala Ala Glu Lys Met Asp Ala Arg Gly  
 260 265 270

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 275 280 285

Thr Asp Leu Leu Asp Leu Ile Arg Met Ser Gly Ser Asn Glu Ile Ala  
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Gly Ala Leu Lys Arg Ser Gln Phe Leu Val Pro Met Val Ser Gly Ile  
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Val Glu Ser Ser Ile Lys Arg Gly Met His Ile Glu Ala Leu Glu Met  
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Val Tyr Thr Phe Gly Met Glu Asp Lys Phe Ser Ala Ala Leu Val Leu  
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Leu Glu Lys Asp Thr Leu Gln Leu Asp Lys Glu Met Glu Glu Lys Ala  
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